

JAK1 polyclonal antibody

Catalog: BS1193

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Members of the Janus family of tyrosine kinases (Jak1, Jak2, Jak3, and Tyk2) are activated by ligands binding to a number of associated cytokine receptors. Upon cytokine receptor activation, Jak proteins become autophosphorylated and phosphorylate their associated receptors to provide multiple binding sites for signaling proteins. These associated signaling proteins, such as Stats, Shc, insulin receptor substrates, and focal adhesion kinase (FAK), typically contain SH2 or other phospho-tyrosine-binding domains.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 125 kDa

Swiss-Prot:

P23458

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IF: 1:50~1:200

IHC: 1:50~1:200

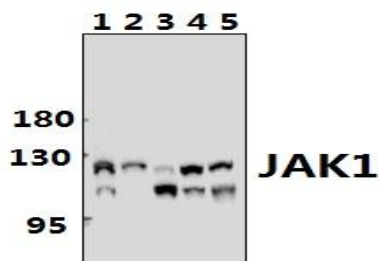
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

JAK1 polyclonal antibody detects endogenous levels of JAK1 protein.

DATA:



Western blot (WB) analysis of JAK1 polyclonal antibody at 1:500 dilution

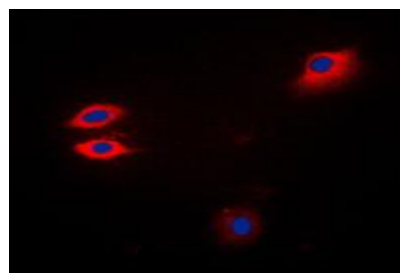
Lane1:HCT116 whole cell lysate(40ug)

Lane2:LOVO whole cell lysate(40ug)

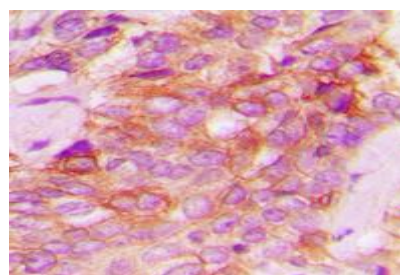
Lane3:U-87MG whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)

Lane5:BV2 whole cell lysate(40ug)



Immunofluorescent (IF) analyzes of JAK1 pAb in Jurkat at 1:50.



Immunohistochemistry (IHC) analyzes of JAK1 pAb in paraffin-embedded human breast cancer tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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